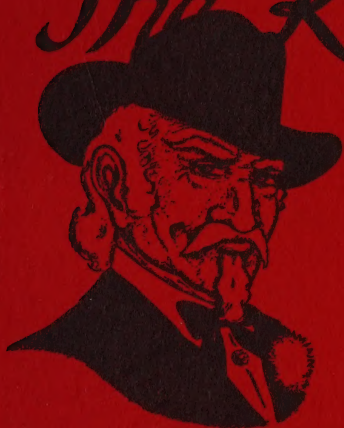


The Kentucky Colonel



THE STUDENTS MAGAZINE OF THE KENTUCKY SCHOOL FOR THE BLIND

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by the

KENTUCKY SCHOOL FOR THE BLIND

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FACULTY ADVISERS

Mr. L. P. Howser

Mr. William F. Davis

Miss Lula May Nash

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Student Council

Point System:

Explained in article

following "SENIORS"

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Numbers represent grades:

1 - Freshman

2 - Sophomore

3 - Junior

4 - Senior

CARLA SUE DOTSON

Louisville

Class Secretary-Treasurer 3-4

Student Council

Class Representative 2-3

Member Social Committee 4

Point System Achievement (67) 4

Pep Club 1-2-3-4

President 1

Cheerleader 1-2-3-4

Hi-Fi Club 1-2-3-4

Winner, School Competition 4

Runner-up, Broadcasted " 3

Band 1-2-4

Chorus 2-3-4

Vice President 3

Combo 1-2-4

Piano 1-2-3-4

Voice 4

Journalism 4

Debating Team 1

<u>The Kentucky Colonel</u>	1-2-3-4
Social Editor	3
Girl Scout Editor	1
Pep Club Editor	1

Honor Roll Student (Continuous) 1-2-3-4

Home Economics: Betty Crocker

Homemaker Award	4
-----------------	---

Achievement Award: U of K

Alumni	4
--------	---

Winner, Boy Scout Talent Show	4
-------------------------------	---

Girl Scouts	1
-------------	---

Assistant with Patrols	4
------------------------	---

Youth Speaks Organization	4
---------------------------	---

Big Sister Organization	4
-------------------------	---

HOPPIES: Music, reading, sports.

PLANS: Will enroll at Western Kentucky State College, majoring in psychology and music. Hopes to become a teacher.

JACK GEARHEARD

Valley Station

Student Council, Secretary	4
Point System Achievement (25)	4
Pep Club	1-2-3
Treasurer	3
Secretary	1
Hi-Fi Club	1-2-3-4
Debating Team	1
Wrestling Team	2-3
Band	2-3
Chorus	3
<u>The Kentucky Colonel</u>	2-3-4
Boy Scout Editor	2
Student Council Editor	4
Boy Scouts	
Patrol Leader	1
Senior Patrol Leader	2-3

HOBBIES: Collecting records (mostly rock-'n'-roll) and souvenirs from other states; reading.

PLANS: To attend the University of Kentucky's Liberal Arts and Law Colleges and receive a degree in law; then hopes to become either a corporation or criminal lawyer.

-*-

LOMA HUDDLESTON

Williamsburg

Class President

4

Student Council

Member Finance Committee

4

Point System Achievement (63)

4

Pep Club

1-2-3-4

Cheerleader

2-3-4

Hi-Fi Club

1-2-3-4

Chorus

1-2-3-4

Ensemble

2

The Kentucky Colonel

1-2-3-4

Participated in Play Day	2
Girls' Track Team	4
Assisted with Younger Children's Physical Education	4
Dramatics	2-4
Y-Teen	1
Big Sister Organization	4
Dormitory Committee Member	4

Participated in Home Living Course
for ten weeks with responsibilities
of cooking meals and taking
care of apartment 4

HOBBIES: Collecting sports and historical
articles, and postcards; sewing;
sports.

PLANS: To attend Little Rock Enterprises
for the Blind this summer,
with hopes of entering Cumberland
Baptist College in September. Will
major in health and physical
education.

NANCY LEWIS

LAJALouisville

Student Council

Point System Achievement (12) 4

Choir 1-2-3-4

Combo 4

Hi-Fi Club 1-2-3-4

The Kentucky Colonel 2-3-4

Speech Class 3

Winner, Boy Scout Talent Show 4

HOBBIES: Collecting all types of records; taping music; reading; listening to basketball, baseball and horse racing.

PLANS: Uncertain.

ADAM RUSCHIVAL

Louisville

Student Council

Secretary 3

President 4

Point System Achievement (65) 4

Pep Club 1-2-3-4

Sergeant-at-Arms 3

Secretary 4

Hi-Fi Club 1-2-3-4

Dramatics 4

Speech Class 3

Piano Tuning 1-2-3-4

Band 1-2-3-4

Chorus 3-4

The Kentucky Colonel 1-2-3-4

Boy Scout Editor 3

Student Council Editor 3

Sports Editor 4

Youth Speaks Organization

Senior Representative 4

Boy Scouts

Patrol Leader	1-2
Troop Scribe	3-4
Star Scout	4

Wrestling Team	1-2-3-4
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State Champion	2-4
----------------	-----

Track Team	2-3-4
------------	-------

Bowling Team	1-2
--------------	-----

Received awards as person most interested in physical fitness	2-3
---	-----

HOBBIES: Collecting albums of folk songs; C-B radio and amateur radio; reading.

PLANS: To attend Murray State College to earn a teacher's degree in special education. During summers, work at Camp Kysoc as aide.

SPECIAL HONOR: With the National Society for Crippled Children as sponsor, and each state selecting one representative, Adam was chosen to visit Denmark for three weeks, June 21 to July 14. Congratulations!

PAULINE TUELL

Louisville

Student Council

Alternate 1

Class Representative 4

Point System Achievement (14) 4

Pep Club 1-2-3-4

Dramatic Club 2

Hi-Fi Club 3-4

Speech Class 3

Chorus 1-2-3-4

HOBBIES: Ice skating; reading; collecting records, sea shells and driftwood.

PLANS: To work as a medical stenographer.

(Note: Pauline has attended K.S.B. during her junior and senior years only. Therefore, freshman and sophomore years (1-2) represent activities in her previous school.)

DAVID WILSON	Louisa
Class Vice President	2
Student Council	
Representative	2
Treasurer	4
Point System Achievement(31)	4
Pep Club	1-2
Secretary	2
Chorus	1-2-4
President	2
Band	1-2-4
Hi-Fi Club	1-2-4
Winner, Broadcasted Competition	4
Winner, Boy Scout Talent Shows	2-4
Wrestling Team	1-2
Track Team	1-2-4
Bowling Team	1
<u>The Kentucky Colonel</u>	1-2-4

Journalism	4
Piano Tuning	2-4
Youth Speaks Organization	4
Dormitory Committee Member	1-2-4
Counselor	2

HOBBIES: A student of electric bass guitar, playing with "The Motions," a rock-'n'-roll group; collecting records; writing songs, poems, short stories; reading; automobiles and auto racing.

PLANS: To enter the University of Kentucky, majoring in journalism or political science.

(Note: David has been a K.S.B. student only three years, gaining his junior and senior credits during this past year.)

STUDENT COUNCIL POINT SYSTEM

This year for the first time students were given the chance to win points for various extra-curricular activities. The goal for the seniors was thirty points. Students obtaining their goal were rewarded with a letter (K); those going fifty percent over the goal received a wildcat that could be attached to the letter.

Accomplishments included the following:

Class Officers

Student Council Members, Representatives, Officers

Clubs and Organizations

Perfect Attendance

Scholarship - Honor Roll Student

Citizenship - Citizen of Week, or of year

Contributor to THE KENTUCKY COLONEL

Music: Piano, Band, Chorus, Voice

Athletics: Wrestling, Track, Cheerleader

Assembly Program Participant

Dramatics Production

Winners of Talent Shows, etc.
Dormitory Committee Member or
Counselor

The following table shows the number
of students who have obtained the goals
for their grades:

<u>Grade</u>	<u>Number Students</u>
Fifth	2
Sixth	2
Seventh	3
Eighth	4
Ninth	3
Tenth	5
Eleventh	2
Twelfth	<u>4</u>
Total	25

This program has increased student
interest, and we feel it has been most
successful. We hope to make this system
better in the years to follow.

Jo Ann Cox
11th Grade

POLITICAL INFLUENCE

Well, as anyone knows by now, the campaigns for the officers of the Student Council have begun. Both parties will practically clobber each other just to be sure that their side wins.

Yesterday afternoon one party had a pep rally to try to win votes for their candidates by playing music. They attracted quite a crowd, and the listeners were enjoying themselves.

The other party heard what was happening and I suppose they were jealous. They gathered some of their supporters and started their own rally. Because the second rally was started right where the first was going on, soon both sides were screaming their heads off. The opposing party had trumpets and saxophones and they played them against the other musicians. Can you imagine how it sounded? I had to put my fingers in my ears because it was so loud. Then both sides started cheering for their candidates. One party followed the other out to the flag pole and it almost developed into an

uproar. I heard that some people were trying to bribe others.

After being brain-washed by both sides, it's no wonder that some cannot make up their minds whom to vote for. All this surely shows that the students are interested in the election. Whichever party wins, it will know that it had to fight hard to win its office.

Norbert Keissler
11th Grade

STUDENT COUNCIL

The most notable aspect of Student Council affairs for this edition was the election of officers and class representatives for next year. The campaign started rather slowly in comparison with last year's, but it was a spirited and vigorous fight at the end. Next year's officers are: Cathy Brothers, president; Midge Ball, vice-president; Phyllis Burton, secretary; Hubert Davis, treasurer.

You will notice that the office of treasurer is a new one. It was created when the Student Council became fully

aware of the amount of money that it had. An amendment to the Student Council Constitution making this office legal is in preparation.

Another change in procedure, which we hope will make members better leaders and make their duties more challenging, is the requirement that all students wishing to run for office as class representatives must make, in assembly, a short speech setting forth their intentions for the coming year. In the past this has been a requirement for the candidates for the top offices only and it has worked well.

After three years of use, certain faults and shortcomings in our Constitution have become apparent. There will be emendments to the by-laws, one of which we have already given -- the creation of the office of treasurer.

In closing this, my last Student Council report, I wish to say that I hope the new officers will recognize our faults (they were many), and avoid them, and in the coming year will attempt even

more ardently to make this school a
better place in which to live and study.

Jack Gearheard
Secretary

HONOR ROLL
(Fifth Grading Period)

12th Grade	9th Grade
Carla Dotson	Phyllis Burton
Jack Gearheard	
Adam Ruschival	8th Grade
David Wilson	Hubert Davis
	Denise Holland
10th Grade	Deanna Yaeger
Cathy Brothers	
Barbara Heun	7th Grade
Faye Mills	Teddy Lisle
Caroline Truitt	Leslie Stephens

Above students had an average of 88 or
higher.

Elementary Students
Linda Beatty, 5th; Janice Willis, 4th;
Georgia Deaton and Roger Dale Smith, 3rd;

Vickie Collins, Jerry Curtis, Perry Knight, Ronald Sanders, Mike Wagner, Rickie Southerland, 2nd.

Elementary students must have no grade lower than a B to be on the Honor Roll.

EDITORIAL

The Compliment

The compliment is one of the most valuable gifts that one person can offer another. It is remembered and revered. The compliment cherished most is the one which comes from the person who rarely gives one and does so only when it is highly deserved.

Some compliments mean almost nothing to you because they are shed like a tree shedding its leaves in October. Such compliments pile up like the leaves, and like the leaves they are raked away as so much trash.

One who keeps his compliments for the worthy recipient finds that his opinion carries more weight than he ever imagined.

A compliment is like a flower -- beautiful, made to ornament and beautify. If you desire your opinions to be valued and wish to keep the landscape of your personality uncluttered and beautiful, give and accept only those compliments which are deserved and earned.

Jack Gearheard
12th Grade

I REMEMBER

Now that the time to leave K.S.B. has come, I am amazed at how quickly ten years can pass. The years have passed, but fond memories of this school and its people will remain with me until I die.

My piano lesson was completed and I started to leave the classroom to go to Allan Cottage for lunch.

"Wait, Barbara," said Mr. Mootz in his dramatic way of speaking, "it is sleeting. I shall carry you." He did. Up onto his shoulder I went -- impish first-grader of six.

"I'm so glad!" I exclaimed to Midge, my best friend. "Now that we don't have

to go to school, you can come to my house for a picnic."

The year was 1957, and Mr. Howser had ordered the closing of school because of an influenza epidemic. Many of my friends had contracted the disease, but I didn't care. I was anticipating that picnic with Midge.

When I was a teenager there came the time when I learned how wonderful K.S.B. people are. I began to cry during class, but the teacher mistakenly thought this to be a whispered conversation.

"Who's talking?" she demanded. Three friends, knowing the true situation, were about to say that they had been misbehaving when a boy shouted, "It's Barbara."

These may seem to be incidents of minor value, but to me they will always be remembered.

Barbara Heun
10th Grade

(Note: Barbara is entering the eleventh grade at Sacred Heart Academy in September. Good luck, Barbara.)

SCHOOL EXPERIENCES

Most of my enjoyable experiences in school have been in participating in school activities. Probably the two things I enjoyed most were the sports activities, both wrestling and track, and the Student Council.

I liked the first because I like sports and I liked competing in them. My participation in sports gave me a chance to travel and a sense of sportsmanship and determination.

I liked Student Council work because it was fun running around and trying to do things, and making different activities work. Sometimes this included making little things look more important than they were merely to be acting official.

As a graduating senior I can't resist giving some advice. Everyone should enter into as many activities as possible. Much enjoyment can be derived from such participation. When I was in the lower grades I was usually hesitant about joining anything. However, as I progressed from grade to grade, I found that I

enjoyed myself the more I participated. This is probably the most outstanding thing I can think of -- experience in activities makes life more interesting. It is easy to find something wrong, but it is more fun to try to make it right.

Adam Ruschival
12th Grade

PARTY CALENDAR

March 12 -- Tonight we had a beatnick party which will long be remembered. For admission, each person had to bring an original beatnick poem. Guests also wore appropriate costumes. We participated in dancing, reading of poems, and a talent show in which talent was not a requirement. Thank you, Student Council, for a most enjoyable evening.

March 19 -- The Boy Scouts held their annual talent show. Judges for this year were Mr. Walt Jones of the Navy Reserves, his wife, and several friends. Their decision was a difficult one, but they chose a three-girl combo and the "Motions" for first place; Teddy Lisle, second

place; Linda Meadors, third place; and Ethel Atkins and Carolyn Truitt in a single act for fourth place. All winners received cash prizes.

April 16 -- The Student Council gave a "Sadie Hawkins" party. From beginning to end it was filled with delightful, extraordinary activities which included: Girls running around the old building twice in an attempt to capture a certain boy; a dance resembling a square dance in which everyone became totally confused but loved every minute of it; cracker-eating, after which one had to attempt to whistle; and each member of a couple feeding a soft-drink to his partner while being fed at the same time.

May 1 -- Tonight the Student Council sponsored a dance in the courtyard. Only guests with dates could attend. We decorated one set of pillars with red and green paper, and this added greatly to the May Day atmosphere. The weather could not have been more suitable for a party such as this, and all too soon the dance ended and we had to go home, our hearts filled with young love and the beauty of spring.

Barbara Heun
10th Grade

IT'S CARNIVAL TIME

Hi, friends! Guess what? It's April 24. It's two o'clock. It's P.T.A. carnival time! Come along and have some fun with me. There are prizes, surprises and entertainment for all!

Well, what shall we do first? How about fishing? Anyone can win here; even someone without any "luck."

Next to the fish pond is the novelty wheel. I'd like to win a stuffed animal or a rubber wiener for my friends to eat. What's wrong with that wheel? I have given it \$1.50 and I still haven't gotten that wiener.

Oh, there's a girl singing over the microphone! Let's walk over to the stage and listen. Dave Wilson, in charge of entertainment, says that a musical number will be presented every forty-five minutes.

Here comes Junior Jones. It looks as if he's selling something. No, thanks, Junior. I think I'll wait and attempt to win the purple French poodle instead of taking a chance on that ice bucket.

I'm getting hungry. Let's go over to the seniors' refreshment stand and purchase one of those delicious doughnuts that everyone is talking about. And a cup of coffee to go with it. A perfect afternoon snack!

The general store has a wide assortment of items. We can spend the rest of the time before supper over there. Or, if you smoke, you may enjoy winning a carton of cigarettes for ten cents.

Why not have supper right here? We can buy hotdogs, soft drinks, potato chips, cupcakes, and candy over at the refreshment booth. There are several tables where we may sit and rest our weary feet.

Let's go over to the cake wheel. They're having a ten-cent cover-all on a homemade cake. The ham wheel is now offering two chances for a nickel.

Now comes the highlight of the entire day! It's time for the drawing for the color-television set. Too bad! I've never even heard of the person who carried home the prize.

Oh, well, the day was a lot of fun even though I was completely out of luck. Don't forget -- there'll be another carnival next year.

Carla Dotson
12th Grade

MY VISIT TO THE CARNIVAL

I was looking forward to the carnival because I had planned to have a wonderful time. I would buy a few things, listen to the entertainment and then just look around. Ah, but there was more than that -- unfortunately.

On Friday I visited my "little sister," (the project where the older girls help the little ones). She had heard that some of the girls would take their little sisters to the carnival, and she wanted to go with me. I told her yes, if Mrs. Clark agreed.

Saturday afternoon I went cheerfully to Allan Cottage to get Cathy. Mrs. Clark asked, "Would you mind taking Mary also, since her big sister is working?"

I tried to explain that I was taking Lynn as well as Cathy, and that there were two other girls at Merwin who were depending on me to take them, too. I didn't see how I could manage even those four.

Cathy was interested in jewelry. She selected a bracelet. I tried to tell her it wasn't very pretty, but she would not have anything else. At the toy counter I asked her if she had anything in mind. She didn't so I kept handing her article after article. Finally a stuffed dog pleased her, and she bought that.

I bought a few things, and I couldn't manage them and Cathy, too, so she and I took the purchases to Merwin. Janie was at Merwin and had Mary with her. Janie's hair was wet, so, yes, you guessed her question. I took Mary. She wanted a wind-up toy. I tried to distract her with other ideas, but she did not want to fish with Cathy; she wanted a wind-up toy. I suggested a coke and we sat down. I don't think I could have made it without that short relaxation. Mary finished quickly and the hunt for the wind-up toy began again. I found a little

torn-up music box with a story on it. We paid for it. Then I was finished; I took them back to Allan Cottage.

I was exhausted and the day wasn't nearly over. All I had to do was to lie down. The next thing I knew it was morning. I don't want another experience like that. When you have such a day, I know how you will feel; you will feel as if you could sleep the rest of your life.

Linda Crase

11th Grade

THAT INDIANA WEATHER

It was warm on Friday, April 23. The excitement in the air was caused by the coming trip for the nine-girl track team. When we arrived at the Indiana School for the Blind, we didn't notice any change in the weather until about seven o'clock that night. We had been out riding the ponies when suddenly there was a crash of thunder. Someone said, "Oh, just a little thunder. It will blow over in a few minutes."

We waited for the "little thunder" to blow over, but it didn't. When the rain started pouring down, we decided we'd better amuse ourselves with some inside activity. That "little thunder" didn't blow over as long as we were there, and that was until about two o'clock Saturday afternoon. We went to sleep Friday night to the flash of lightning and the roar of thunder. We awoke next morning to the sound of rain beating against the windows. Some of the Indiana girls still say we brought the bad weather with us, but we think Indiana had it waiting for us. We had fun anyway.

Denise Holland
8th Grade

THE FIGHTING WILDCATS

April brought the sports activities to an end. Once again track for the girls came into the spotlight.

On April 24 a girls' track meet was held at the Indiana School for the Blind. It was to be a tournament for the NCASB, but, because of scheduling difficulties,

only Indiana and Kentucky participated. Our team consisted of Freda Bishop, Cathy Brothers, Cecelia Bidwell, Mary Ann Burns, Phyllis Burton, Denise Holland, Loma Huddleston, Mona Tilman and Deanna Yaeger.

The groups from both schools were divided into four teams. The results of the team places were:

Ridge Runners	55
Fighting Five	55
Cobras	50
Mustangs	15

There were seven events, and the scores show that there was topflight competition. However, the Wildcats claimed five of the seven first places. Indiana took all four places in the bag race. Here are the statistics: (I represents Indiana; K, Kentucky.) Broad Jump:

Name	Distance	School
Karen Ritchie	6' 8"	I
Cathy Brothers	6' 7"	K
Denise Holland	5'11-3/4"	K
Caroline Alexander	5'1/2"	I

Hop, Step and Jump

Cathy Brothers	18'11-3/4"	K
Mary Ann Burns	16' 4"	K
Rose Branum	15' 2-3/4"	I
Caroline Alexander	14' 7"	I

Softball Throw

Rose Branum	72' 8"	I
Dolly Slye	66' 10"	I
Freda Bishop	66' 5"	K
Loma Huddleston	64' 4"	K

Basketball Throw

Denise Holland	48' 11-1/2"	K
Caroline Alexander	45' 7-1/2"	I
Dolly Slye	44' 1"	I
Loma Huddleston	43' 7-1/2"	K

Bag Race

Time (Sec.)

Karen Ritchie	11.6	I
Rose Branum	12.2	I
Barb Bodenhamer	12.4	I
Linda Lalas		I

50-Yard Dash

Cathy Brothers	7.8	K
Mary Ann Burns	7.9	K
Nancy Harbath	8.1	I
Denise Holland	8.4	K

75-Yard Dash

Cathy Brothers	11.6	K
Mary Ann Burns	12.3	K
Linda McNeeley	12.6	I
Denise Holland	12.7	K

Tandem Race (440 Yards)

Cathy Brothers - Phyllis Burton K
(1 min. 50.3 sec.)

Nancy Harbath - Barb Bodenhamer I

Mary Ann Burns - Denise Holland K

Rose Branum - Caroline Alexander I

It appears from these results that the girls did more in their attempt to win glory in track than the boys did. Perhaps this will encourage even greater effort for both teams. The NCASB track tournament for the boys will be held in Missouri next year in October. We look forward to coming back with equal achievements.

On May 13 we had our annual wrestlers' picnic at George Rogers Clark Park. At this time the awards were given to the members of the team. Major and minor letters were given to those who earned them. The most-improved wrestler award was given to Adam Ruschival. The most-valuable wrestler award, as elected by the squad, was given to Earl Hardin. This was the climax of our athletic program for this year. After a delicious meal there was dancing. Everyone thoroughly enjoyed himself.

A Star Wildcat

For our star Wildcat for this issue, we have a person who not only has made achievements in sports activities, but is also one of the spearheads of school spirit. Cathy Brothers, who is a lively, active student, captured four first places and one second place in the Kentucky-Indiana track meet. She is also the captain of the cheerleaders and leads the cheering squad in one of the best groups we have ever had. Cathy lives in Louisville, is in the tenth grade, enjoys physical education and health as her favorite subjects, and she hopes to teach these subjects some day. She began her studies here in the sixth grade, and she has been a cheerleader for three years. She will be president of the Student Council for the 1965-'66 school year.

Cathy says: "I like being a cheerleader very much; in fact, I like anything having to do with sports. The main reason I like cheerleading is that I just like to get behind the boys and yell for them." Apparently, she was able to get

this over to everyone because there was more school spirit this year than ever before.

Cathy Brothers, a leader and participant, is truly a star Wildcat.

Adam Ruschival
12th Grade

STUDENT-FACULTY BASKETBALL

The big battle between faculty and students has come and gone, and, alas, from the students' point of view, the faculty was victorious in both the men's and women's games.

In the first game, the girls played the women. It seemed as if the girls didn't respect their opponents, because they contributed six points to the women in a losing cause. The main cause of this was that the girls forgot to take the ball behind the lines when they got it. The girls have to be given credit for scrambling; the women didn't win only because the girls helped them. The two teams played unusually good ball and made the game interesting.

The game of the men against the boys was a closer contest. Probably the most exciting part of this game was a brief conflict over substitutions made by the boys in the fourth quarter. Not as many boys were able to play as in a regular game because it was necessary to use a four-man team instead of a five-man one. Anyway, the four men were victorious.

There were many mistakes; this was to be expected. The most common error for the women was walking, and for the men it was fouling. Most of the free-throw shots were missed. Actually, the play was much better than anyone who had watched the practice sessions could have expected.

The teams had much encouragement from the audience. The fans participated in their cheering as much as the athletes. Both faculty and students had cheerleaders, and each group did equally well. Everyone enjoyed the action and the final scores didn't seem to matter. Here they are

anyway:	Women	22	Girls	6
	Men	22	Boys	18
			Adam Ruschival	
			12th Grade	

THE CIPHER OR ZERO

(Term Paper -- Spring 1965)

Throughout the ages man has contemplated, analyzed and worked with numbers. The reason is the overwhelming effect on a person when he thinks of their infinity and the challenge of solving problems and proving theories with them. In the Arabic numbers there are five systems, each based on the preceding one:

1. The natural numbers, 1 2 3 4 5 6 7 8 9.
2. The whole numbers. This means the addition of zero.
3. The integral number system includes minus numbers.
4. The real number system. These are rational and irrational numbers. The rational numbers are the three foregoing groups and fractions; the irrationals are those that consist of approximations, such as the square root of 2 and pi.
5. The imaginary numbers system includes the four systems above plus the square roots and other even roots of minus numbers which do not actually exist.

Each of the systems has its own strange and mysterious characteristics, and all have an infinite number of numbers.

My reason for going into such detail of the structure of Arabic numbers is that out of this vast quantity of figures it amazes me that "nothing" or the zero could have such an effect on mathematics, and that it could have so many individual characteristics of its own. The zero is an interesting subject when observed closely.

The zero can be used for solving problems that could not be solved before its time.

"Next to the adoption of the Arabic numerals themselves, the taking over of the zero was one of the most important forward steps in the history of mathematics."¹

The Hindus were the first known to use the zero, although it is believed that the Chinese used it earlier. Its first known use was about 100 B.C., and

¹ "Zero," World Book Encyclopedia, 1959, p. 1950.

it was discovered by a genius whose name is not known. The first real sign of its use is about 876 A.D. at Gerialior, India. Before this time, numbers were written with blank spaces instead of zeros. 1 2 would represent 102. It came to Europe during the 1100's, but it did not have much effect for a long time due to the widespread use of Roman numerals there. We still use Roman numerals, although the Arabic is our common system. Leonardo of Pisa, Italy, in a book about Arabic numerals, wrote of the zero's use in 1202 A.D. Since that time it has been universally used.

The actual meaning of zero is cipher or nought. It can be traced back to the Hindus who called it sunya. The Arabs called it as-sfr, from which the word cipher comes. Because the zero was so mysterious when it appeared, the word cipher gained a new meaning -- when something was deciphered, a mysterious problem was solved. When the Italians took it from the Arabs, the Italians called it zephirum; zeferio and zeuero were other forms. The French changed it to zero and the English accepted that

spelling. This is why it is called the cipher or zero. Bishop Berkeley, a great mathematician, (1685-1753), called the zero, "The ghost of a departed quantity."¹ The original Hindu meaning for sunya was void or empty.

The zero has many characteristics that no other number has. For instance, add or subtract a zero from any number and that number will remain the same. A number multiplied by zero equals zero. The square root and logarithm equals zero, and any number to the zero power equals zero. The only mathematical property that it does not have is that of division. If A is divided by B and the answer is C then C times B should equal A. If B equals zero, then zero times C equals zero. Since any number times zero equals zero, there can be no one solution; therefore, zero cannot be divided into a number. However, zero can be divided by another number, in which case the answer would, of course, be zero.

¹ Friend, Newton J., Numbers: Fun and Facts, Charles Scribner's Sons, New York, 1954, p. 65.

The zero also has the honor of being the center spot at which all numbers can meet. On a number line, numbers to the right of the center, designated as zero, are positive, and those to the left, negative. In a vertical line, the numbers above the zero are positive, and those below, negative.

It is astonishing to realize that by putting a zero at the end of a number that number will be changed greatly. Take the number 10. If you add a zero to make 100, you increase the number by 90. If you add a zero to 100,000 to make 1,000,000, you have increased it by 900,000. Yet the zero itself is equal to nothing. The zero can also represent a quantity. You can say that you have zero feet of board. However, you could not say that you have minus zero feet of board because this would be ridiculous. When you say that you have zero feet, you are saying, in fact, that you have none.

The zero can be used in fun as well as for mathematical purposes. In "Pogo," a comic strip in the Louisville Times,

the Owl has made his own type of math. (Anyone can make his own math symbols and rules.) The Owl calls his "After-math," and the only number he uses is zero. Owl follows the same rules as stated above -- zero plus, minus or times zero equals zero. When a woman is asked her age, she can say that it is zero; when she is asked her weight, she can say it is zero; income tax can be figured easily because it will be zero. The tax returned to the payee would also be zero, but, according to Owl, this wouldn't be much of a change, since it usually is zero.

The Roman numerals do not have a zero. It is much harder to multiply with Roman numerals than with Arabic, and only a genius could do a problem in long division with Roman numerals.

The zero is truly a magnificent number. By multiplication, it can reduce the largest number imaginable to nothing. It can be added to a number as many times as you wish and the number will not be altered. It is the midpoint and center from which a line of positive and negative numbers can stretch to infinity.

Perhaps a moral can be drawn from these facts -- there is "nothing" that is worthless.

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Adam Ruschival
12th Grade

LITERARY DEPARTMENT

The Mountains

The Mountains are of such beauty that they seem to call you, call you like the wild calls for the wild to come back, come back from the busy world to the world to which you belong. The mountains call you back from the noises of man to the stillness of the hills.

Have you really felt silence -- silence that you can hear, silence that penetrates the skin as light descends through a window? I have. I have even heard a silent music like angels singing in a heavenly choir. The silence gives its music to me as a friend, and to no one else who is not a friend to the mountains.

I love the beautiful blue mountains with their snow-capped peaks sometimes above the clouds. They are my home. There is where I belong; there I shall live, and there I shall die.

I was taken out of the mountains to a city to go to school, but the city cannot take the mountains out of me.

Richard Lewis
9th Grade

The Junk Man

Recently I had some dealings with a junk man, and later I thought of all the things a junk man must be. He must be a shrewd business man, a psychologist, a fast-talker, an ambassador of good-will and a muscle-man.

The businessman junk dealer is always looking for a bargain. He would be banished from his fellow-dealers if he failed to get the best of any bargain. He applies psychology because he meets every kind of person, and he must know what each is thinking so he will have the best chance for the better deal.

He must be a fast-talker. If he comes for one thing and his gaze catches something else, he must quickly persuade the seller that he has no further use for the second object.

He must spread good-will, even though he gets what he comes to get and a little more. Some day he might find it necessary to deal with that man or his neighbors again.

Muscles are a big requirement for a junk man. He can't count on help with

his lifting, and he never knows what kind of junk he may be called to handle.

Businessman, psychologist, good talker, spreader of good-will, strong and athletic! I can't help but wonder why there aren't college courses for junk dealers.

Earl Moore
9th Grade

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A Historical Event

On March 11, my father dug up a very large jawbone and tooth. We think it is that of a dinosaur, or some other pre-historic animal. My father works for a sand and gravel company and has the opportunity to dig deep enough to find fossils very often.

This jawbone and tooth was found about thirty-five or forty feet under the surface. Some of his finds have been examined and have proved to be pre-historic -- either dinosaurs or mammoths.

Mother brought this bone and tooth for the fifth grade to see. It is now in Mr. Horton's science department. Father has lent it to the school with

the understanding that it will not be
given to a museum.

Geneva Maiden
5th Grade

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The Adventures of Spring

Stop, look, listen, spring is here --
That wonderful season so dear.
Let's all give a cheer!

Here to add a note to spring
Are all the jolly birds to sing,
Enlightening all and everything.

But spring does not end there;
Think of the dainty flowers so fair
And the fragrance it will share.

The blue sky is a bowl up above,
And the sun is a beautiful snow-white dove;
This would fill any heart with love.

The breeze, it is so soft and mild,
It brings a thrill to every child,
It even makes your mind run wild.

The very swiftly running stream
With its fish like one big team
Adds a spark to Nature's scheme.

The women to every store will be dashing
To catch up on the latest fashion
Even though their money is a limited
ration.

Now the children are out to play,
Their winter coats are stored away;
Their cheeks grow rosier every day.

So stop, look, and listen. Spring is here.
That wonderful season of the year!
Let us all give a cheer.

Cathy Brothers
10th Grade

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The Mighty Condor

(Note: The condor is a large white vulture native to the high Andes, but also found in California.)

Cast your eyes to the azure blue
Wherein the mighty condor flew,
To spread his wings against the sky
Glide, swoop and climb so high.

On the ground his shadow roams
Over long-dead and decaying bones,
In search of a feast -- some poor lost
 beast
Who had not a master to guard him.

Rise up, poor beast, and try to walk,
Try to escape the condor's stalk,
Lie there and die in the shadow of his
 wing:
Then never for you your mate will sing.

Cast your eyes to the azure blue
Wherein the mighty condor flew;
But see him not for there he walks
Upon the ground by the side of you.

It won't be long till his shadow roams
Over your dead and decaying bones.

David Wilson
12th Grade

AN INVITATION

Take my hand; come, walk with me
To the top of the hill
Where the air is cool and still,
Where one can observe the world
In a tree, a star, a bird,
A blade of grass, a cloud or a word;
Where poetry flows in a stream,
And portraits hang from trees,
And a note of music abides
With statues on hillsides.
Linger here with me if you will,
And with me take what you will of music.
Drink with me the sweet wine of art,
And rest your head on a pillow of wonder-
ful words.

David Wilson
12th Grade

ANNOUNCEMENT

from

Frances F. Patterson, Chairman
Recording Program
National Braille Press, Inc.
88 St. Stephens Street
Boston, Massachusetts 02115

The National Braille Press, Inc., desires to be of service to the blind people in colleges or universities, and people in business, etc. The Press will provide braille, talking book discs and books on magnetic tape. Texts, highly technical books and paperback form material will be recorded upon request.

There would be no expense to you except for the tape which you may furnish or if you prefer the Press would be glad to supply them at a cost of \$1.75 per 1800-ft. reel, billing you for the number used when the material is completed.

Should you have questions relative to the above, write to above address.

ALUMNI NEWS LETTER

Dear Alumnus:

It's almost that time again. Grab your calendars and mark up the weekend of June 11-13. That's when the K.S.B. Alumni Association will be enjoying another reunion.

You had better plan to be in Gregory Gymnasium at 7:00 p.m. Friday evening.

Why? Because we want to shake hands and say "howdy" to each and every member of this great Association.

The annual business meeting will be held as usual on Saturday afternoon at 2 o'clock in the old gym. Bring your dignity with you, because you will have an opportunity to display it at the banquet on Saturday evening. This festive occasion will burst forth at 6:00 p.m. Oh, yes, bring your appetites also.

Judge Gourtney invites you to attend the yearly memorial services which will be held in Gregory Gym at 10:00 a.m. on Sunday morning.

A number of busy bees are working like crazy preparing for your coming. Don't you dare disappoint us.

Betty Jean Niceley
Cor. Secretary

